

WHAT IS CLAIMED IS:

1. A settlement system using purchase information, comprising:

an information distribution apparatus including:

a purchase information memory configured to store a purchase information used by a user to purchase a commodity or utilize a service in a sales apparatus;

a purchase information selection unit configured to select the purchase information to be distributed to a terminal apparatus of the user from said purchase information memory;

a communication unit configured to send the selected purchase information to the terminal apparatus and to receive use log information as a use result of the purchase information from the terminal apparatus; and

a use log memory configured to store a use record of the purchase information for each user according to the use log information;.

the terminal apparatus of the user including:

a first communication unit;

a purchase information memory configured to store the purchase information sent by the

information distribution apparatus through said first communication unit;

a display unit configured to display the purchase information stored in said purchase information memory;

an operation unit configured to select the purchase information from among displayed purchase information, the selected purchase information being sent to the sales apparatus through said first communication unit; and

a use log memory configured to store use log information as a use result of the purchase information sent by the sales apparatus through said communication unit, the use log information being sent to the information distribution apparatus through said first communication unit; and

the sales apparatus including:

a second communication unit configured to communicate with the terminal apparatus of the user;

a purchase information decision unit configured to decide a classification of the purchase information sent by the terminal apparatus through said second communication unit;

a settlement program memory configured to store a plurality of settlement programs each corresponding to each classification of the purchase

information; and

a settlement unit configured to select a settlement program corresponding to the classification of the purchase information decided by said purchase information decision unit from the plurality of settlement programs, and execute a settlement processing of the purchase information by using the settlement program, a use result of the purchase information being sent to the terminal apparatus through said second communication unit.

2. The settlement system according to claim 1, wherein

the purchase information is coupon information to receive a service such as a commodity discount or a gift,

the information distribution apparatus comprises one of a server to distribute the coupon information, an Internet terminal connected to the server, and a base station of information source, and

the settlement program is a coupon settlement program to execute a discount settlement or a gift selection for a commodity of the coupon information.

3. The settlement system according to claim 2,

wherein the coupon information includes a purchase information identifier, an object commodity name, a privilege, an object store name, and a classification name.

4. The settlement system according to claim 1, wherein,

in the information distribution apparatus, said purchase information memory stores location information of each object store included in the coupon information, and

said purchase information selection unit sends the coupon information of which the location information of the object store neighbors with a location of the terminal apparatus of the user when said communication unit receives the location of the terminal apparatus.

5. The settlement system according to claim 1, wherein the use log information includes a purchase information identifier, a user identifier of the terminal apparatus, a store identifier used for the purchase information, and a use date.

6. The settlement system according to claim 1, wherein, in the information distribution

apparatus, said purchase information selection unit sends new purchase information to the terminal apparatus of a particular user through said communication unit if said purchase information memory stores the use log information of the particular user.

7. The settlement system according to claim 1, wherein

in the terminal apparatus, said operation unit inputs a selection condition for the user to receive the purchase information on said display unit, and

in the information distribution apparatus, said purchase information selection unit sends new purchase information to the terminal apparatus of the user through said communication unit if said purchase information memory stores the new purchase information matched with the selection condition.

8. The settlement system according to claim 1, wherein,

in the terminal apparatus, said display unit displays the coupon information usable by the sales apparatus when the terminal apparatus is connected to the sales apparatus, and

said communication unit sends the coupon

information to the sales apparatus when said operation unit indicates the coupon information to be used by the sales apparatus on said display unit.

9. The settlement system according to claim 1, wherein

the purchase information is recommendation information for the store utilized by a user,

the information distribution apparatus compares one of a server to distribute the information of the word of mouth, an internet terminal connected to the server, and a base station of information source, and

the settlement program is a program to issue a proof of coming to the store or a proof of purchase in order to send the proof to the terminal apparatus.

10. The settlement system according to claim 9, wherein the information of word of mouth includes a purchase information identifier, an object store name, and a classification name.

11. The settlement system according to claim 1, wherein

the purchase information is a prize information, the information distribution apparatus is one

of a server to distribute the prize information, an internet terminal connected to the server, and a base station of information source, and

the settlement program is a program to issue a prize point if an object commodity of the prize is included in settlement commodities or if an object service of the prize is included in settlement services.

12. The settlement system according to claim 11, wherein

the prize information includes an identifier, an object commodity name, a number of obtained points, a number of necessary points, and a classification name, and

the prize point is sent as the use log information from the information distribution apparatus to the terminal apparatus of the user, and stored in said use log memory in the terminal apparatus.

13. The settlement system according to claim 12, wherein

in the terminal apparatus, the prize information and the prize point are sent to the information distribution apparatus in order to

proceed a subscription of the prize if the prize point stored in said use log memory satisfies the number of necessary points described in the prize information.

14. The settlement system according to claim 1, wherein

the purchase information is use registration information for a user to count a use frequency in the sales apparatus,

the information distribution apparatus comprises one of a server to distribute the use registration information, an internet terminal connected to the server, and a base station of information source, and

the settlement program is a program to vary a winning probability of the prize according to the use frequency sent by the terminal apparatus of a user when an object commodity is purchased or an object service is utilized by the user.

15. The settlement system according to claim 14, wherein

the use registration information including the use frequency is sent from the terminal apparatus of the user to the sales apparatus when the object



commodity is purchased or the object service is utilized by the user in the sales apparatus, and

updated use frequency as the use result is sent from the sales apparatus to the terminal apparatus, and stored in said use log memory in the terminal apparatus.

16. The settlement system according to claim 1, wherein

the purchase information is course information from a present location to a destination of a user,

the information distribution apparatus comprises a server to distribute the course information in response to information of the present location and the destination sent by the terminal apparatus of the user,

the sales apparatus comprises an automatic ticket vending machine,

the settlement program is a program to calculate a fare corresponding to the course information sent by the terminal apparatus when the user of the terminal apparatus purchases a ticket to the destination from the automatic ticket vending machine.

17. The settlement system according to claim

16,

wherein the automatic ticket vending machine turns on a light of a purchase button corresponding to the fare on a panel including a plurality of purchase buttons each corresponding to a different fare.

18. The settlement system according to claim 1, wherein

the purchase information is payment request information for a purchase procedure executed between an electronic trade server and a terminal apparatus of a user,

the information distribution apparatus comprises the electronic trade server, and

the settlement program is a program to receive a price and execute a settlement in response to the payment request information sent by the terminal apparatus when the user pays an amount of money described in the payment request to the sales apparatus as a payment counter.

19. The settlement system according to claim 18,

wherein the payment request information includes a purchase information identifier, a

payment request number, an amount of money, and a classification name.

20. The settlement system according to claim 19,

wherein the sales apparatus sends a proof of payment to the terminal apparatus, and sends settlement information including the payment request number to the electronic trade server after the sales apparatus receives the amount of money from the user and executes a settlement of the payment.

21. The settlement system according to claim 1, in the information distribution apparatus,

further comprising a use log analysis unit for analyzing a comment of the use log information of each user and generating a selection condition of each user to select suitable purchase information according to the analysis result, and

wherein said purchase information selection unit selects the purchase information from said purchase information memory according to the selection condition.

22. The settlement system according to claim

21, wherein

the use log information includes a purchase information identifier, a user identifier, and the comment of the user of the terminal apparatus, and

the selection condition includes the user identifier, and a condition representing a tendency of the user in comparison with other users.

23. The settlement system according to claim 1, in the information distribution apparatus,

further comprising a use log for counting unit sums in the use log information for each store each of which makes a contract of distribution of purchase information, and for outputting a request of charge of distribution based on the sum result to the sales apparatus of each store.

24. A settlement system using purchase information, comprising:

a portable terminal apparatus of a user configured to receive purchase information used by the user to purchase a commodity or utilize a service, store the purchase information in a memory, and send comment information related to the commodity purchased or the service utilized by

the user;

an information distribution apparatus of a purchase information trader configured to receive the comment information sent by the portable terminal apparatus, distribute the purchase information presented by a commodity sales or service trader and the comment information related to the purchase information to the portable terminal apparatus, and manage a frequency of use of the purchase information and the comment information; and

a sales apparatus of the commodity sales or service trader configured to execute a settlement and a proof of purchasing a commodity or utilizing a service according to the purchase information stored in the portable terminal apparatus when the user purchases the commodity or utilizes the service,

wherein said information distribution apparatus varies a charge of the purchase information trader to collect from the commodity sales or service trader according to the frequency of the purchase information and the comment information utilized.

25. An information distribution apparatus,

comprising:

a purchase information memory configured to store purchase information used by a user to purchase a commodity or utilize a service;

a purchase information selection unit configured to select the purchase information to be distributed to a terminal apparatus of the user from said purchase information memory;

a communication unit configured to send the selected purchase information to the terminal apparatus and receive use log information as a use result of the selected purchase information from the terminal apparatus; and

a use log memory configured to store a use record of the selected purchase information for each user according to the use log information.

26. A terminal apparatus of a user, comprising:

a communication unit;

a purchase information memory configured to store purchase information sent by an information distribution apparatus through said communication unit, the purchase information being used by the user to purchase a commodity or utilize a service in a sales apparatus;

a display unit configured to display the purchase information stored in said purchase information memory;

an operation unit configured to select the purchase information from the displayed purchase information, the selected purchase information being sent to the sales apparatus through said communication unit; and

a use log memory configured to store use log information as a use result of the purchase information sent by the sales apparatus through said communication unit, the use log information being sent to the information distribution apparatus through said communication unit.

27. A sales apparatus, comprising;

a communication unit configured to communicate with a terminal apparatus of a user;

a purchase information decision unit configured to decide a classification of purchase information sent by the terminal apparatus through said communication unit;

a settlement program memory configured to store a plurality of settlement programs each corresponding to each classification of the purchase information; and

a settlement unit configured to select a settlement program corresponding to the classification of the purchase information decided by said purchase information decision unit from the plurality of settlement programs, and execute a settlement processing of the purchase information by using the settlement program, a use result of the purchase information being sent to the terminal apparatus through said communication unit.

28. An information distribution method, comprising the steps of:

storing purchase information used by a user to purchase a commodity or utilize a service;

selecting purchase information to be distributed to a terminal apparatus of the user;

sending the selected purchase information to the terminal apparatus;

receiving use log information as a use result of the selected purchase information from the terminal apparatus; and

storing a use record of the selected purchase information for each user according to the use log information.



29. A terminal method, comprising the steps of:

storing purchase information sent by an information distribution apparatus, the purchase information being used by the user to purchase a commodity or utilize a service in a sales apparatus;

displaying the stored purchase information;

selecting purchase information from the displayed purchase information;

sending the selected purchase information to the sales apparatus;

storing use log information as a use result of the selected purchase information sent by the sales apparatus; and

sending the use log information to the information distribution apparatus.

30. A sales method, comprising the steps of: receiving purchase information sent by a terminal apparatus of a user;

deciding a classification of the purchase information;

selecting a settlement program corresponding to the classification of the purchase information from a plurality of stored settlement programs;

executing settlement processing of the purchase information using the settlement program; and

sending a use result of the purchase information to the terminal apparatus.

31. A computer-readable memory containing computer-readable instructions, comprising:

an instruction unit for causing a computer to store purchase information used by a user to purchase a commodity or utilize a service;

an instruction unit for causing a computer to select purchase information to be distributed to a terminal apparatus of the user;

an instruction unit for causing a computer to send the selected purchase information to the terminal apparatus;

an instruction unit for causing a computer to receive a use log information as a use result of the selected purchase information from the terminal apparatus; and

an instruction unit for causing a computer to store a use record of the selected purchase information for each user according to the use log information.

32. A computer-readable memory containing computer-readable instructions, comprising:

an instruction unit for causing a computer to store purchase information sent by an information distribution apparatus, the purchase information being used by a user to purchase a commodity or utilize a service in a sales apparatus;

an instruction unit for causing a computer to display the stored purchase information;

an instruction unit for causing a computer to select the purchase information from the displayed purchase information;

an instruction unit for causing a computer to send the selected purchase information to the sales apparatus;

an instruction unit for causing a computer to store use log information as a use result of the selected purchase information sent by the sales apparatus; and

an instruction unit for causing a computer to send the use log information to the information distribution apparatus.

33. A computer-readable memory containing computer-readable instructions, comprising:

an instruction unit for causing a computer to

receive purchase information sent by a terminal apparatus of a user;

an instruction unit for causing a computer to decide a classification of the purchase information;

an instruction unit for causing a computer to select a settlement program corresponding to the classification of the purchase information from a plurality of settlement programs stored;

an instruction unit for causing a computer to execute a settlement processing of the purchase information by using the selected settlement program, and

an instruction unit for causing a computer to send a use result of the purchase information to the terminal apparatus.